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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/760,192 | 01/21/2004 | Kia Silverbrook | RRA17US | 2063 |
| 24011 | 7590 | 03/03/2006 | EXAMINER | |
| SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, NSW 2041 AUSTRALIA | | | GOLDBERG, BRIAN J | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2861 | |

DATE MAILED: 03/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|------------------------|---------------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 10/760,192 | SILVERBROOK, KIA |
| | Examiner | Art Unit |
| | Brian Goldberg | 2861 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 13 February 2006.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-5 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-5 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 11 July 2005 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date: _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2/13/06 has been entered.

Claim Objections

1. Claims 4 and 5 are objected to because of the following informalities: The claims recite the limitation "the ink delivery member" in lines 1-2 of claim 4 and lines 2-3 of claim 5. There is insufficient antecedent basis for this limitation in the claims. Appropriate correction is required.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Silverbrook (US 6318849) in view of Kotaki et al. (US 5619239).

3. Regarding claim 1, Silverbrook discloses "an inkjet printer cartridge...comprising: a plurality of ink storage reservoirs (40, 45, 46 of Fig 4); a printing fluid delivery member (14 of Fig 1 and the portion of 14 shown in Fig 4) defining a plurality of ink delivery channels (42,43,44,47,48 of Fig 4); and a pagewidth printhead (2 of Fig 1) in fluid communication (12 of Fig 1) with the plurality of ink storage reservoirs (40, 45, 46 of Fig 4) by means of the one or more printing fluid delivery channels (42, 43, 44, 47, 48 of Fig 4)." The printhead (2), by way of 12, is in fluid communication with the reservoirs (40,45,46) by means of channels (42,43,44,47,48). Thus Silverbrook meets the claimed invention except "said cartridge being replaceably receivable in a cradle of an inkjet printer."

4. Kotaki et al. teach a "cartridge (21) being replaceably receivable in a cradle (103, 110, 111) of an inkjet printer (In 1-2 of abstract and Figs 4-10)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to allow the cartridge to be replaceably receivable in a cradle of the inkjet printer. One would have been motivated to so modify Silverbrook by making the cartridge replaceable as set forth by Kotaki et al. for the benefit of allowing the user to replace cartridges when desired, eliminating the need for adjustment by a service man, as stated by Numata et al. (US 5625384) in column 17, lines 54-58.

5. Regarding claim 2, Silverbrook discloses "an elongate body (the body of 14 of Fig 1) housing the plurality of ink storage reservoirs (40,45,46 of Fig 4)."

6. Regarding claim 3, Silverbrook discloses "wherein the pagewidth printhead (2 of Fig 1) is attached (at 50 of Fig 5) to the elongate body (the body of 14 of Fig 1)."

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7. Regarding claim 4, Silverbrook discloses "wherein the ink delivery member (portion of 14 shown in Fig 4) is formed from Liquid Crystal Polymer (col 5 ln 43-45) and extends the length of the printhead (col 5 ln 35-36 and see Fig. 1 where 14 extends the length of 2)." Silverbrook states the ink delivery member (14) is formed from injection molded plastic which is the same as what is stated in the instant application. A liquid crystal polymer is a type of plastic as disclosed in the instant application in paragraph [0062], lines 1-3.

8. Regarding claim 5, Silverbrook discloses "wherein the pagewidth printhead (2 of Fig 1) is attached to the elongate body (the body of 14 of Fig 1) by means of the ink delivery member (see the portion of 14 shown in Fig 4 and at 50 of Fig 5)." The printhead attaches to the elongate body at printhead slot 50 in the fluid delivery member.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Goldberg whose telephone number is 571-272-2728. The examiner can normally be reached on Monday through Friday, 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on 571-272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

BJG

February 23, 2006

TP
Thinh Nguyen
Primary Examiner
Technology Center 2800